

METHOD TO MANUFACTURE SPECTRAL PIGMENT

ABSTRACT OF THE DISCLOSURE

A method for producing a coating for applying to parts used in combustive gas atmospheres includes applying a layer of a material having a high index of radiative reflectance to a surface, and then applying a layer of a material having a low index of radiative reflectance over the high reflectance layer. After sufficient alternate layers of material have been applied to meet a predetermined spectral reflectance profile, the combined layers are exposed to a heating cycle to release the combined layers from the surface. The combined layers are then collected, pulverized and mixed with the appropriate solvent for application to the desired component.